

Figure 1

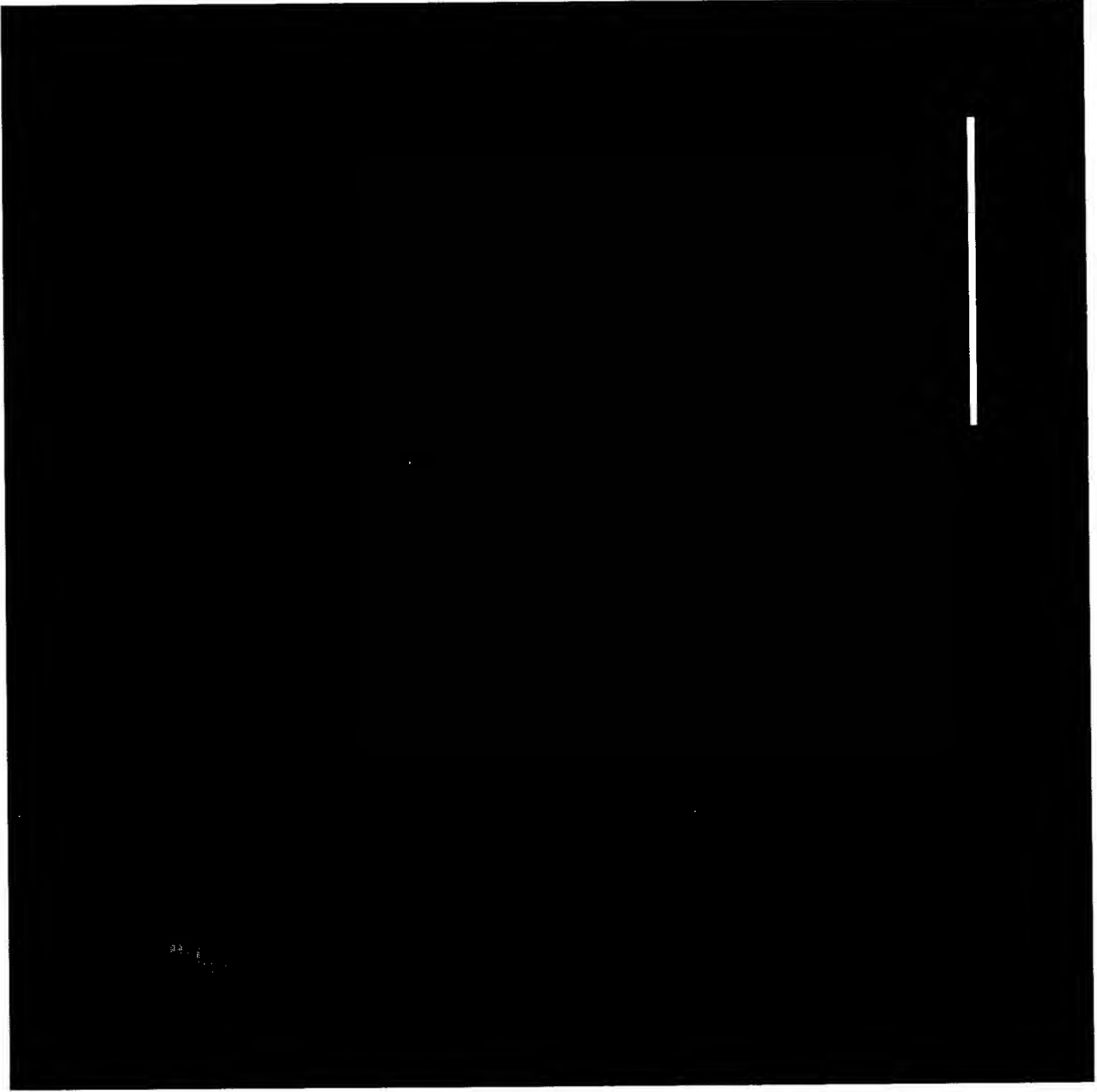


Figure 2

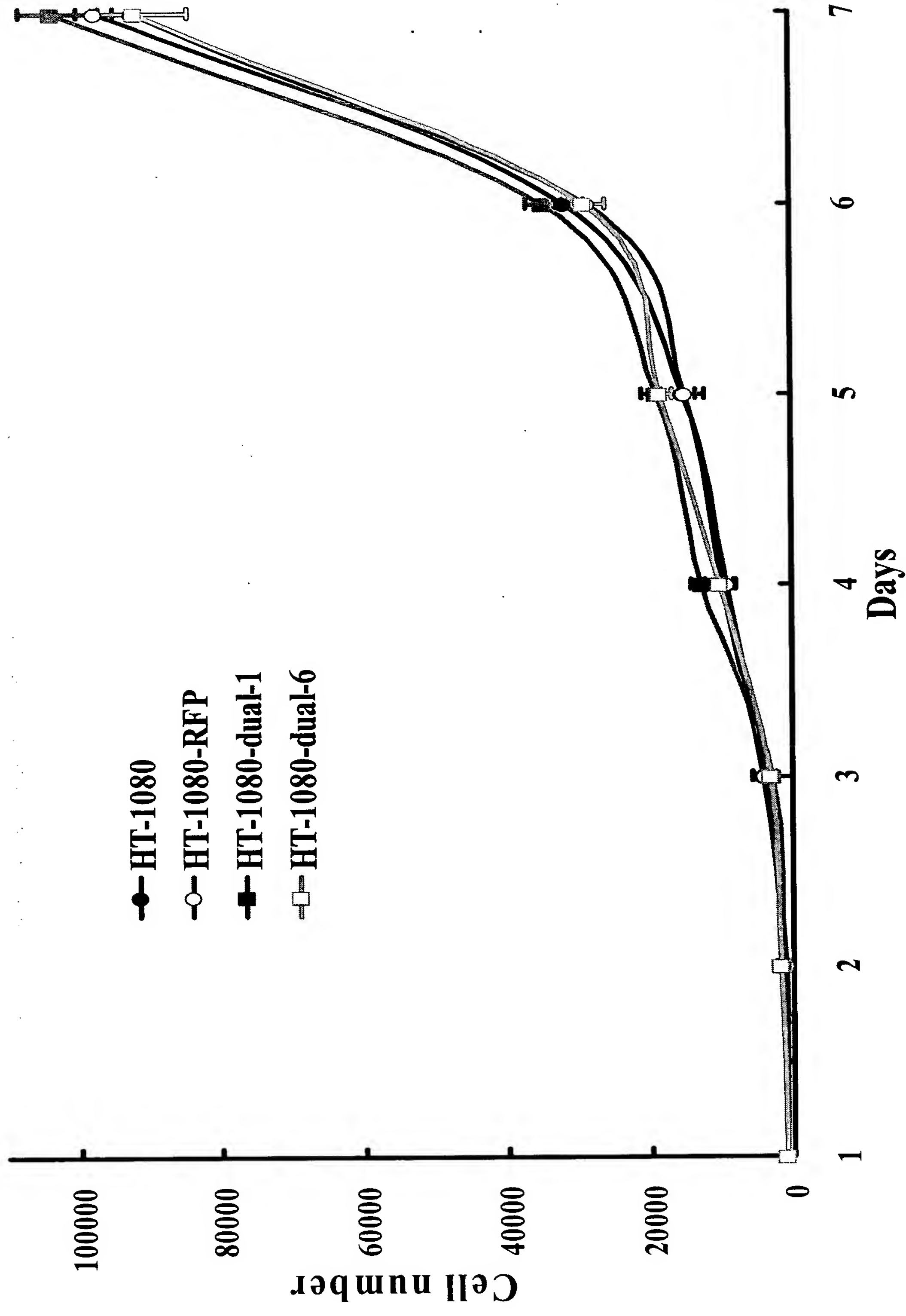


Figure 3A

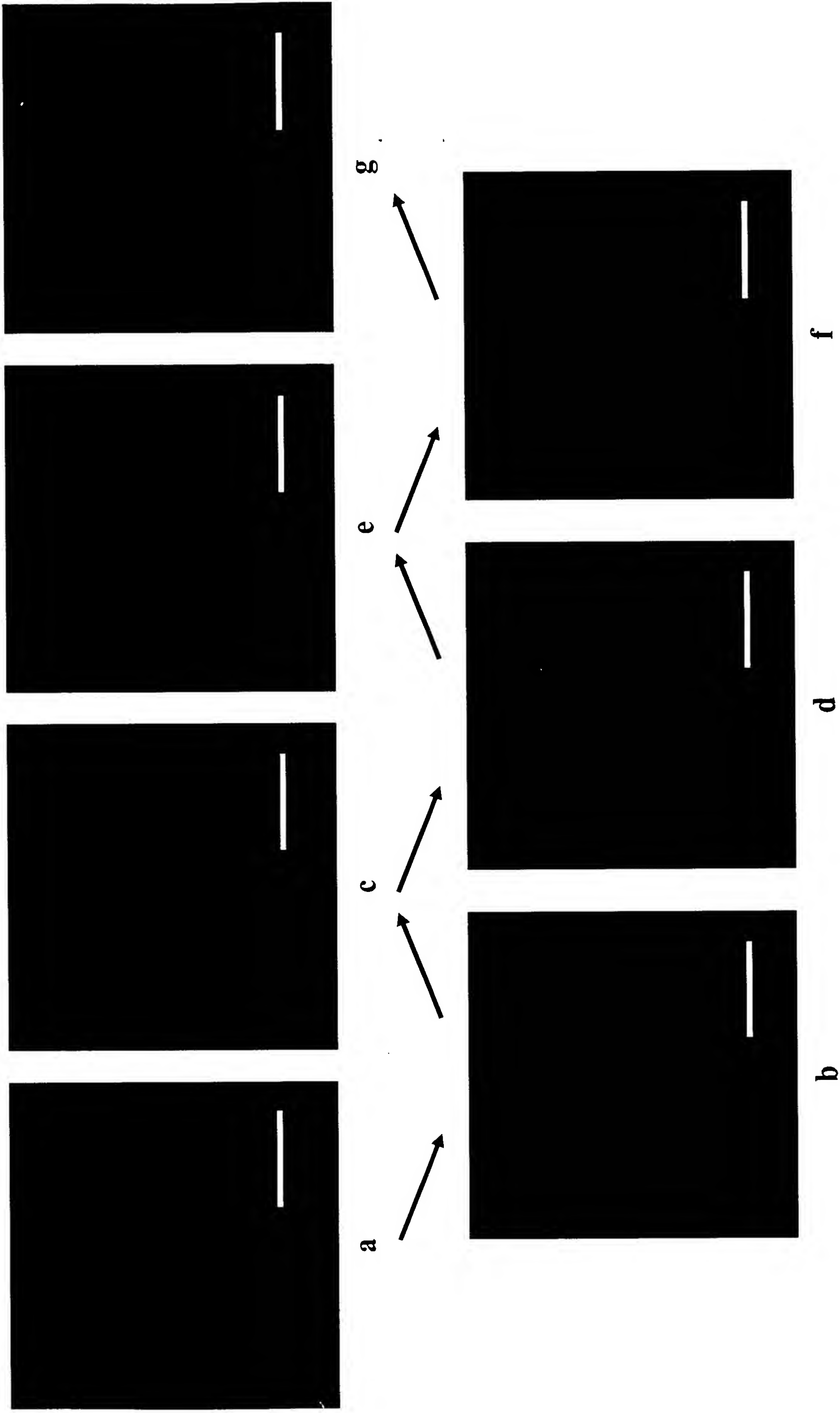


Figure 3B

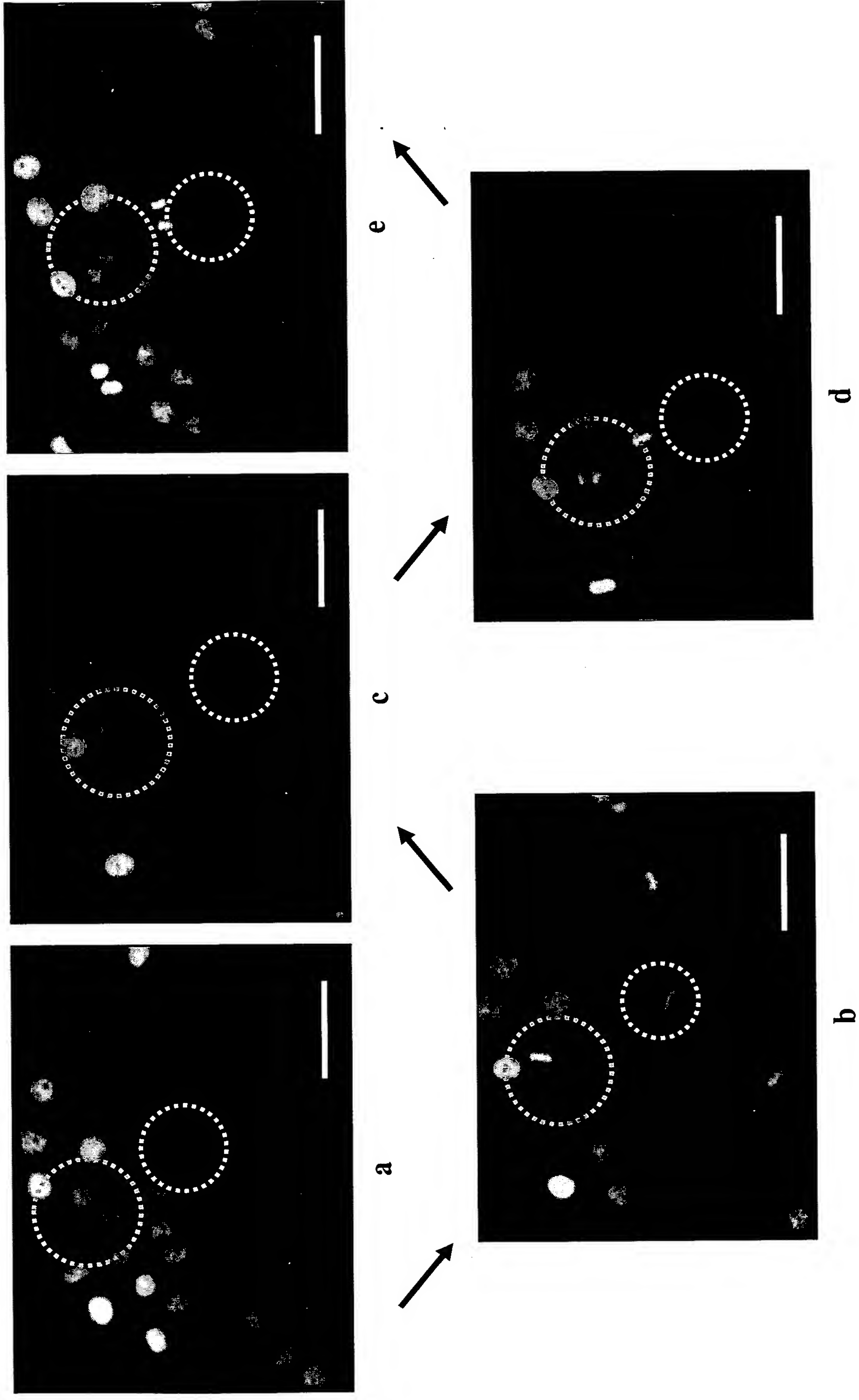


Figure 4A

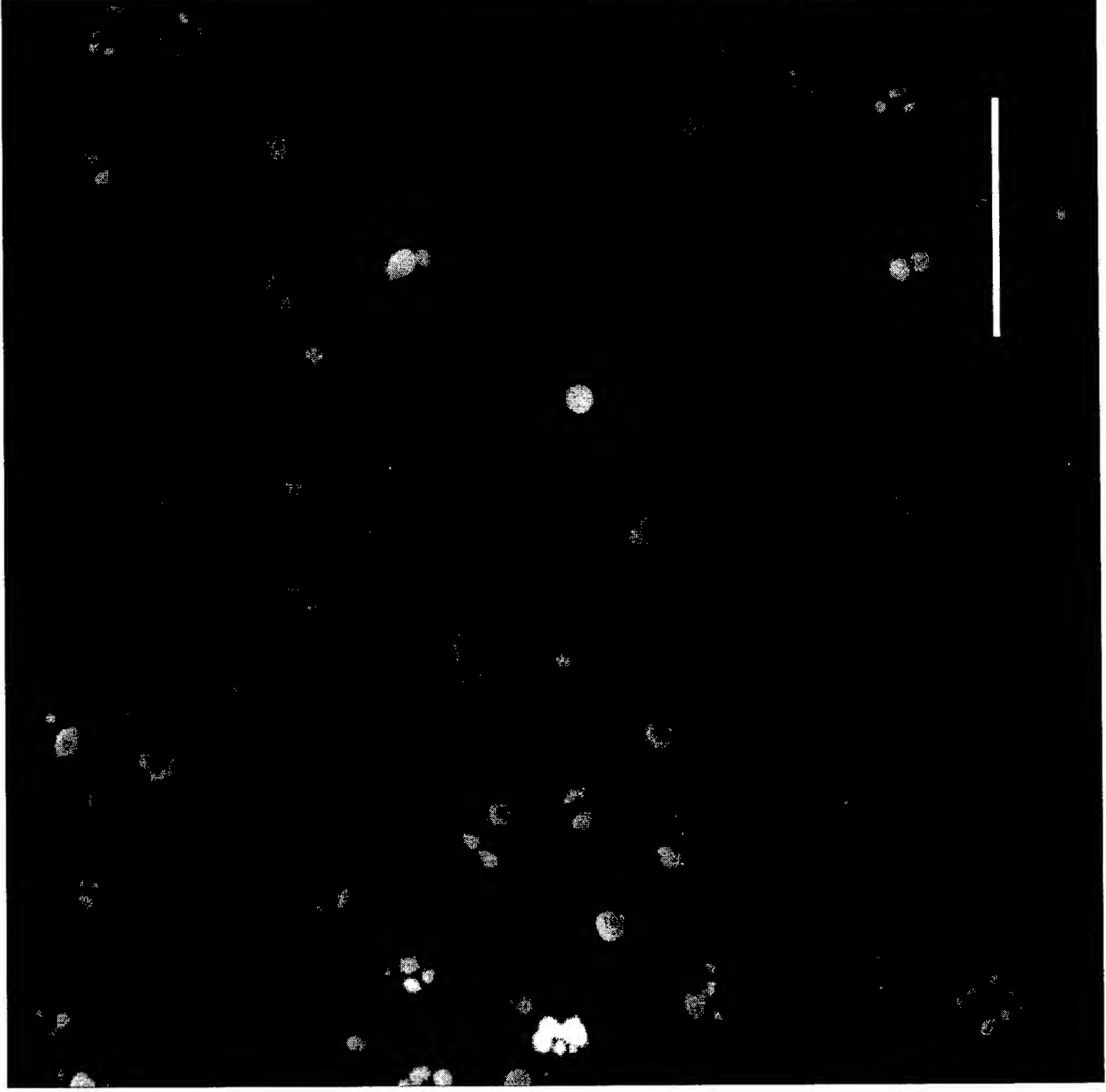
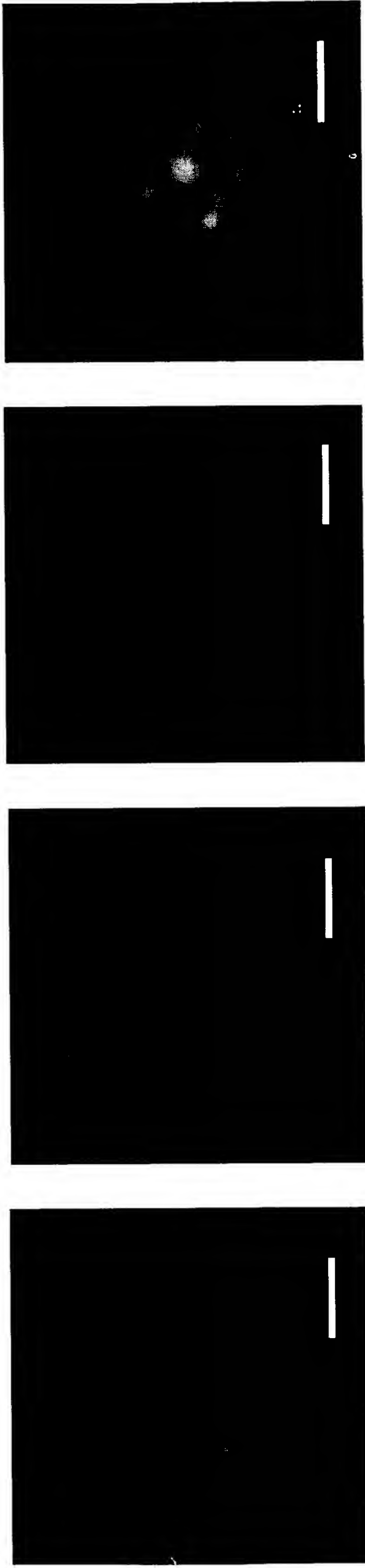


Figure 4B

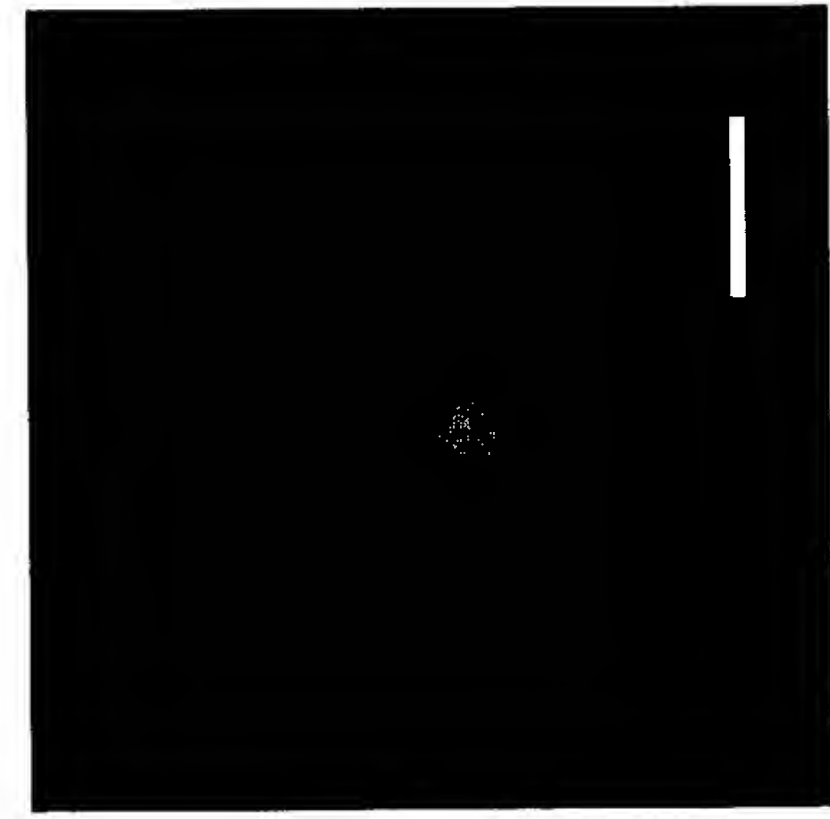


a

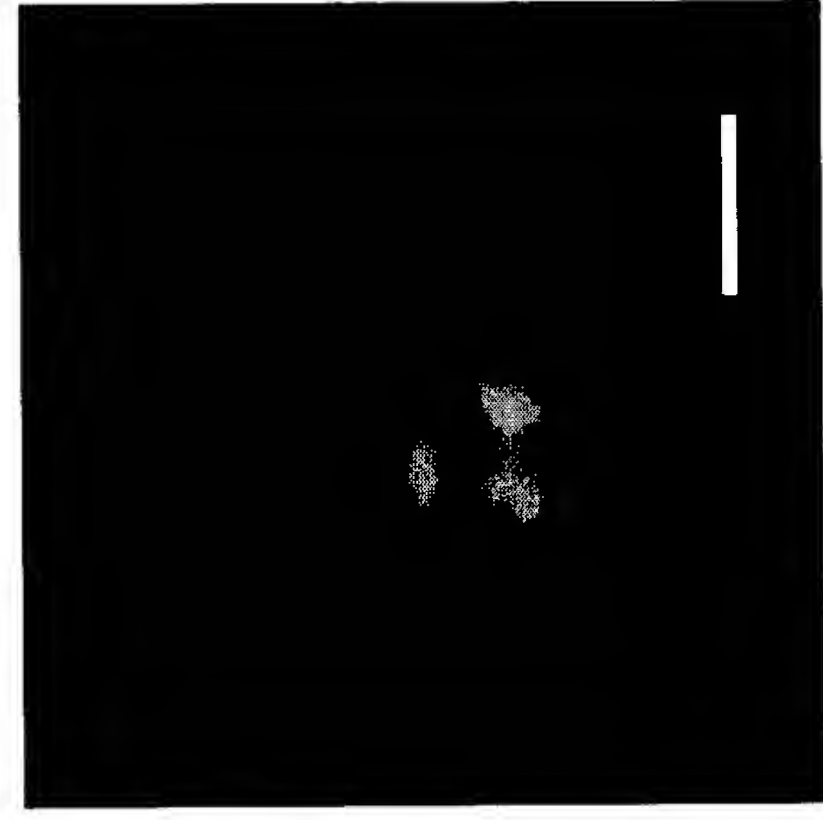
c

e

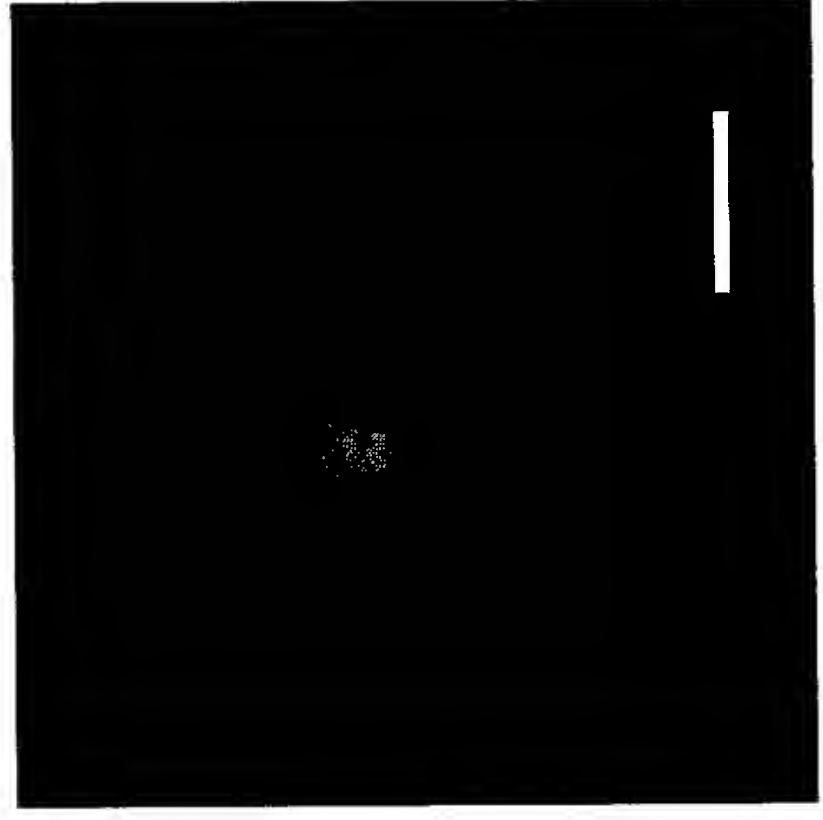
g



b

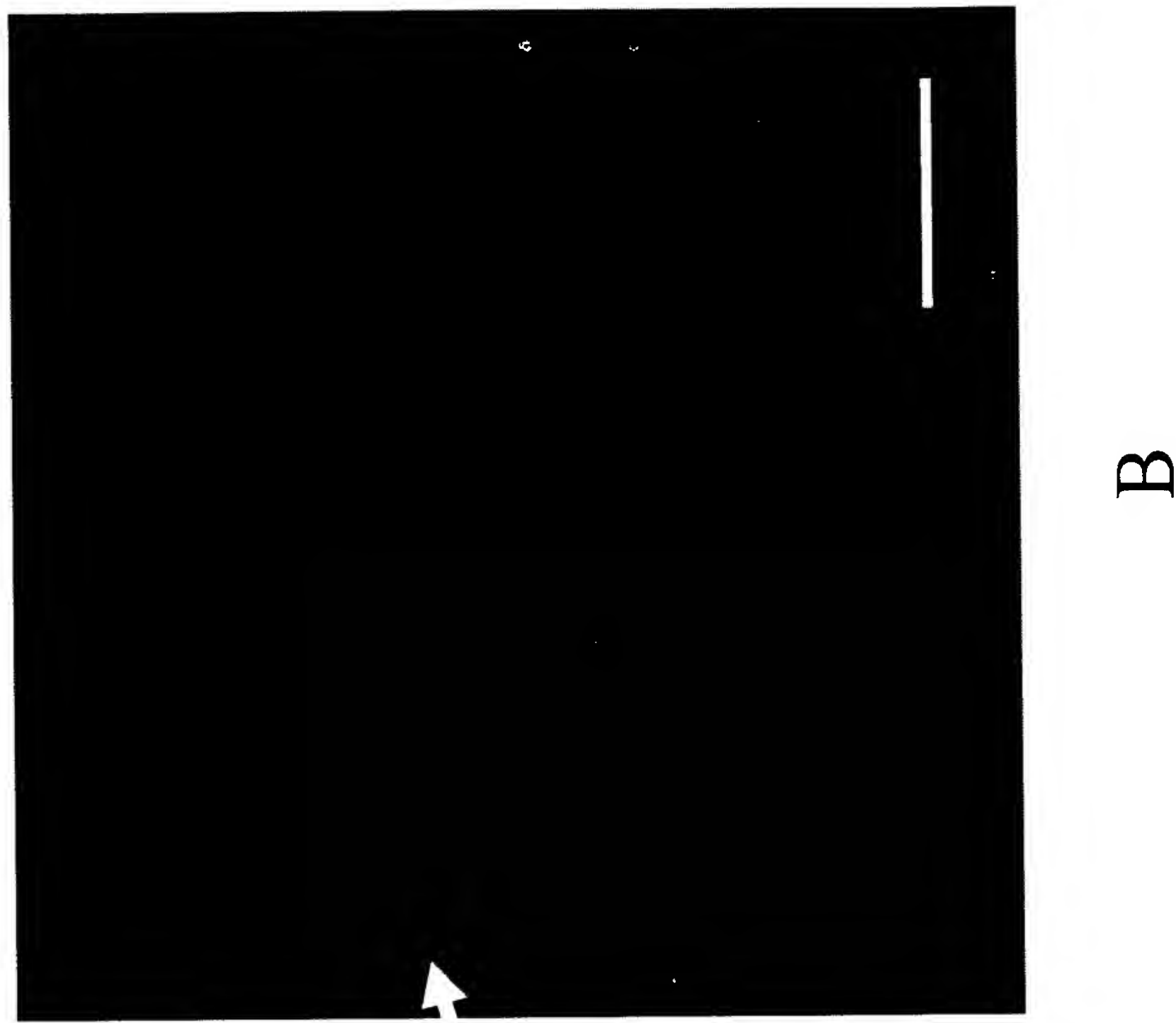


d

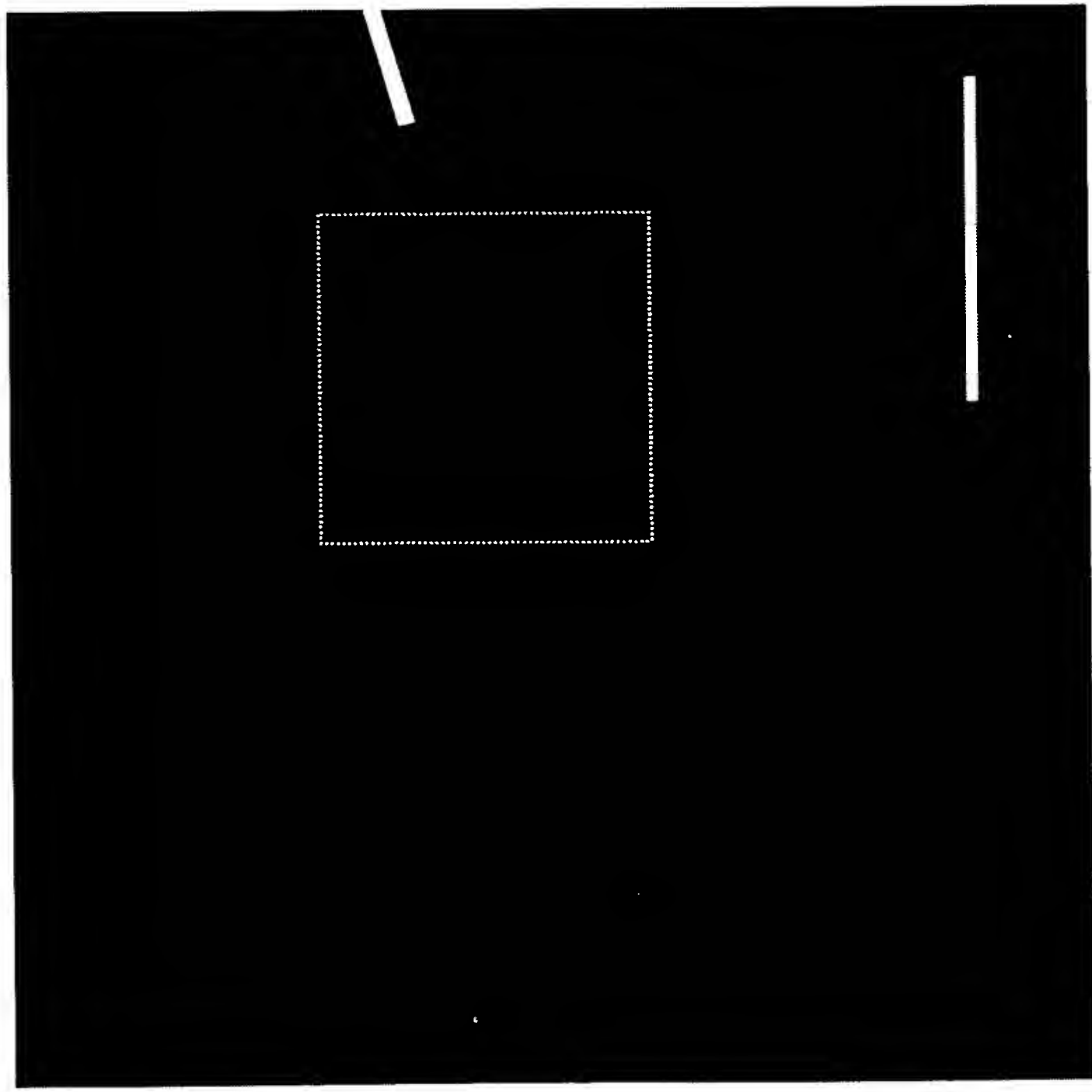


f

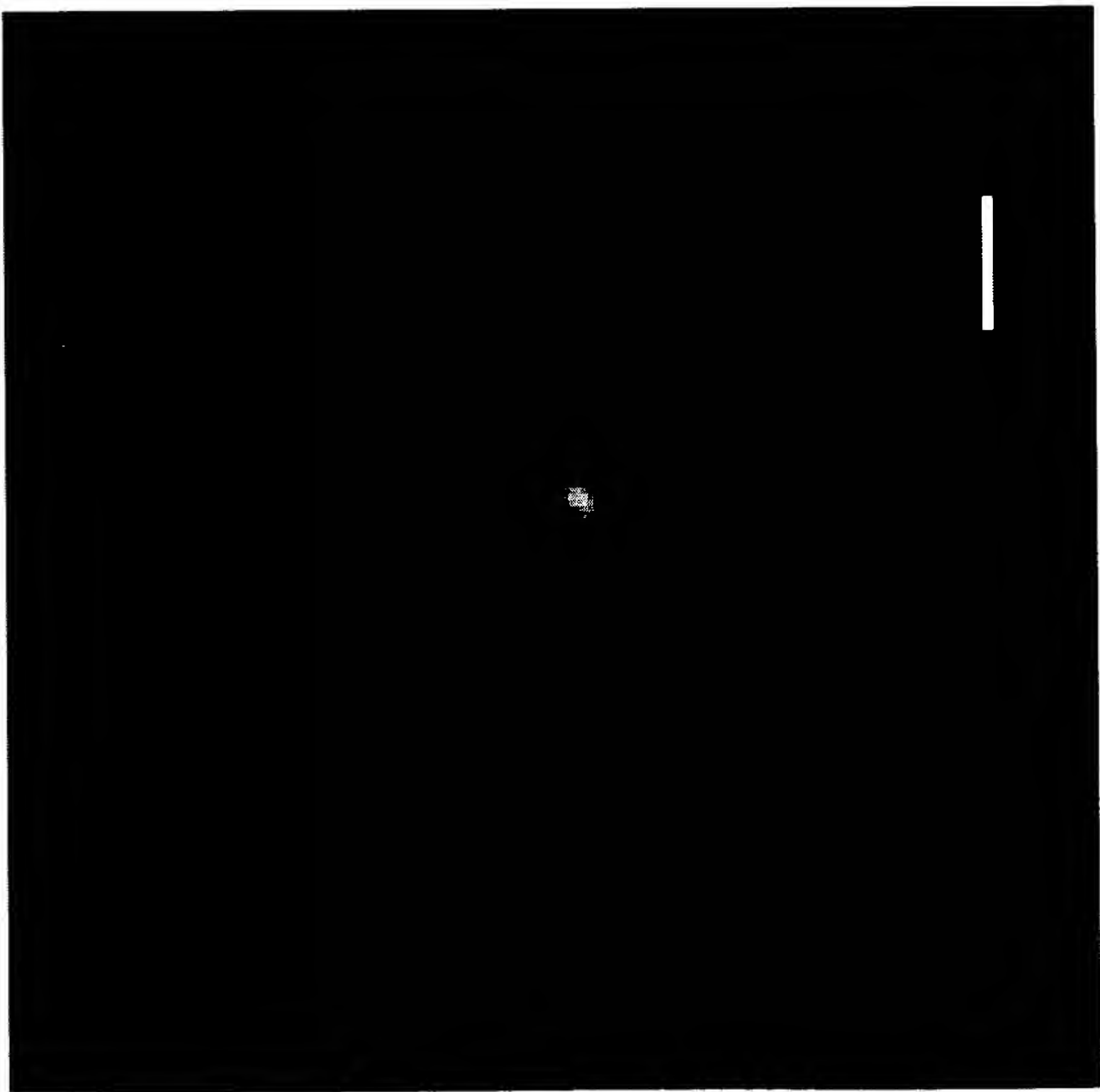
Figure 5



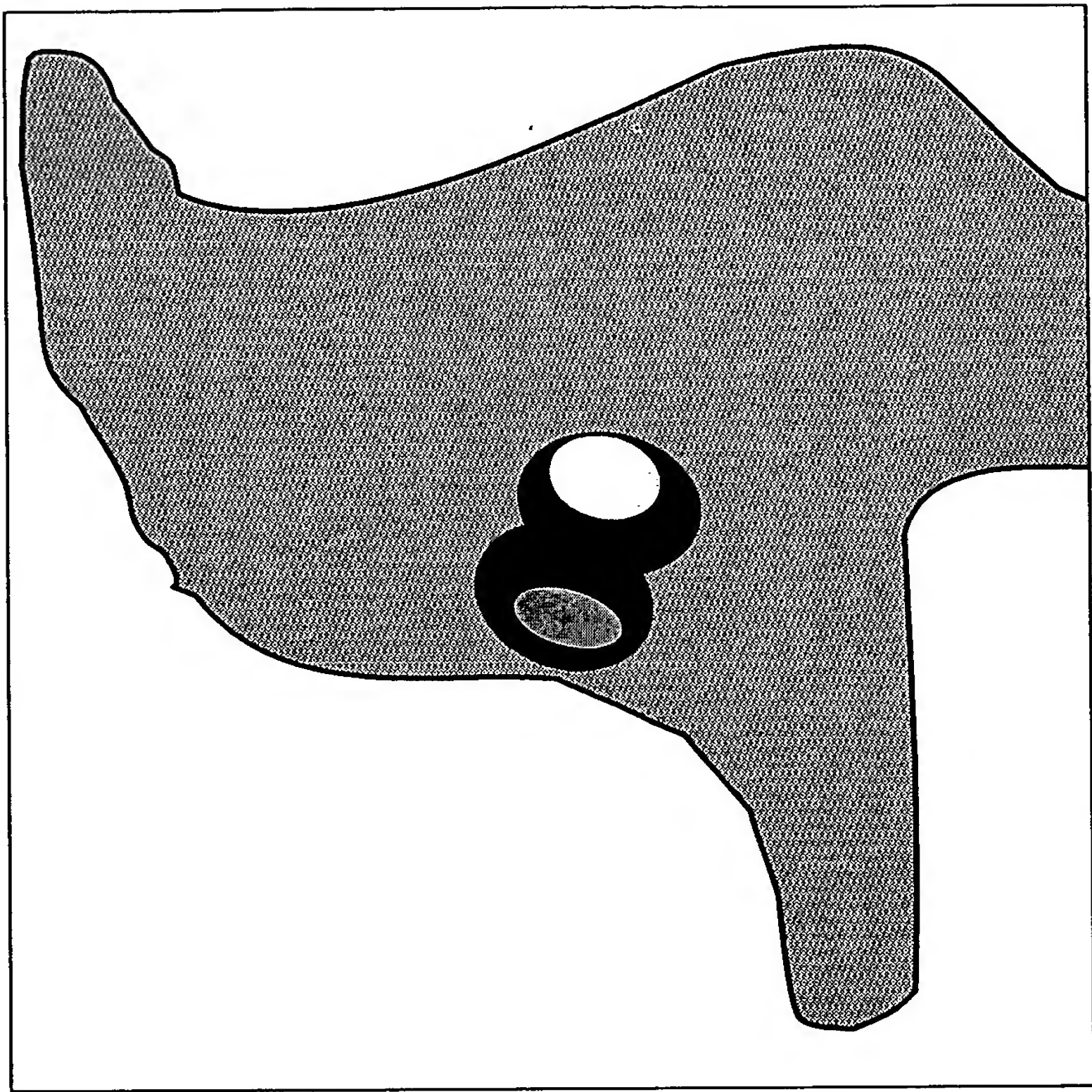
B



A



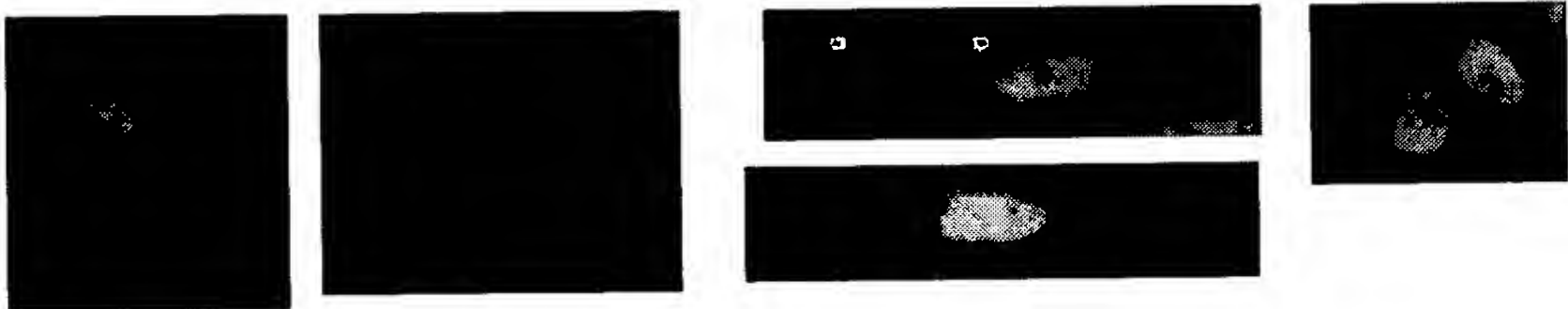
A



B

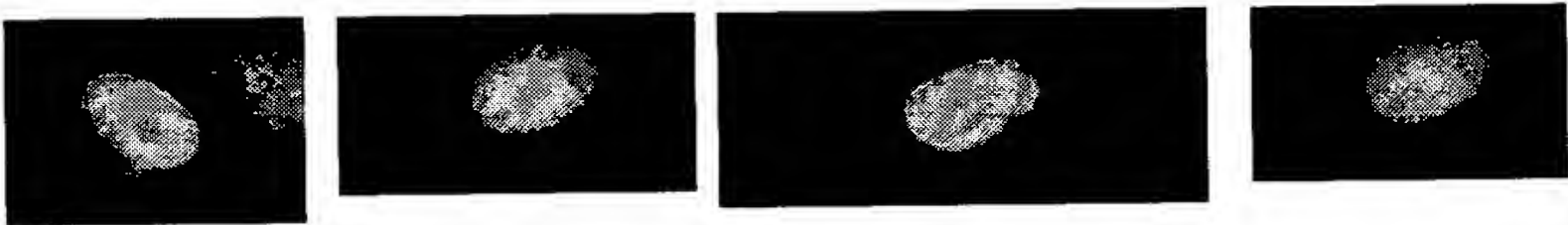
Figure 6

G₁- Phase:



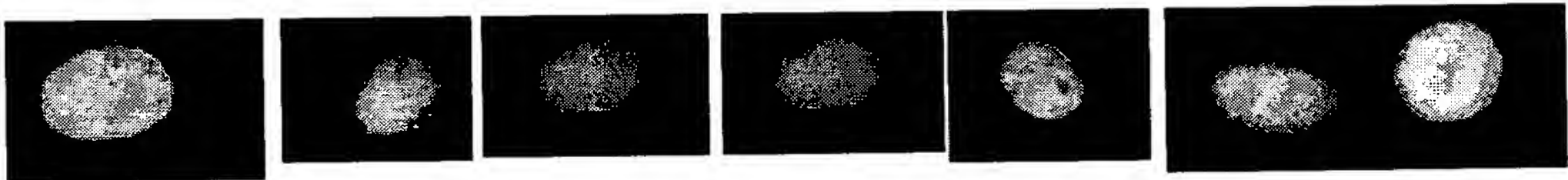
A

S- Phase:



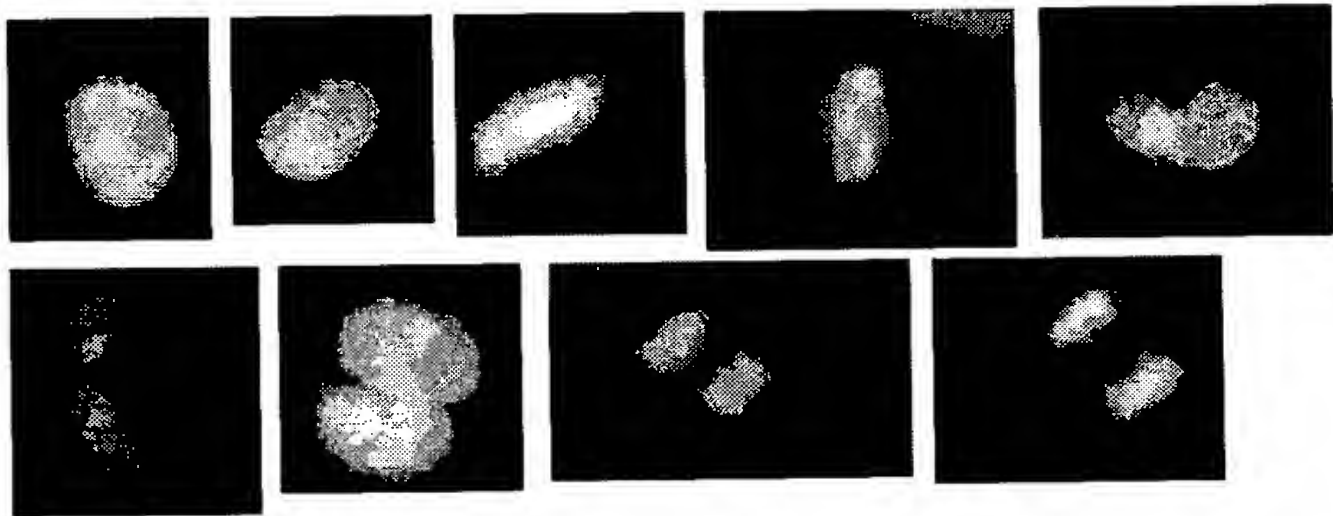
B

G₂- Phase:



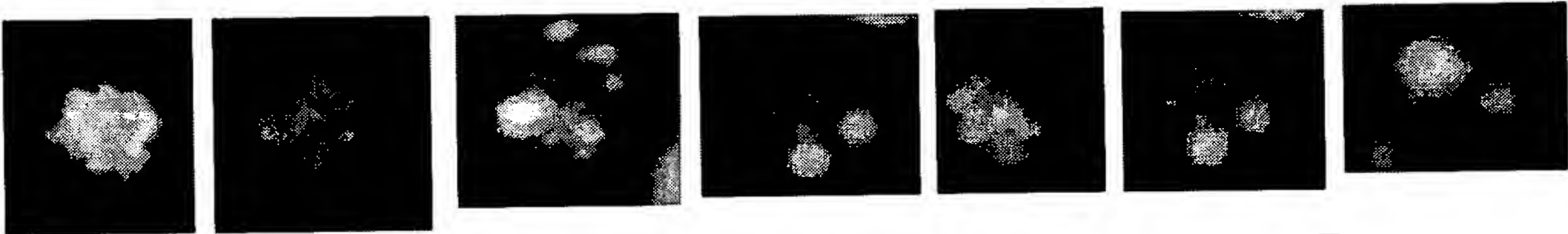
C

M- Phase:



D

Apoptotic
Cells:

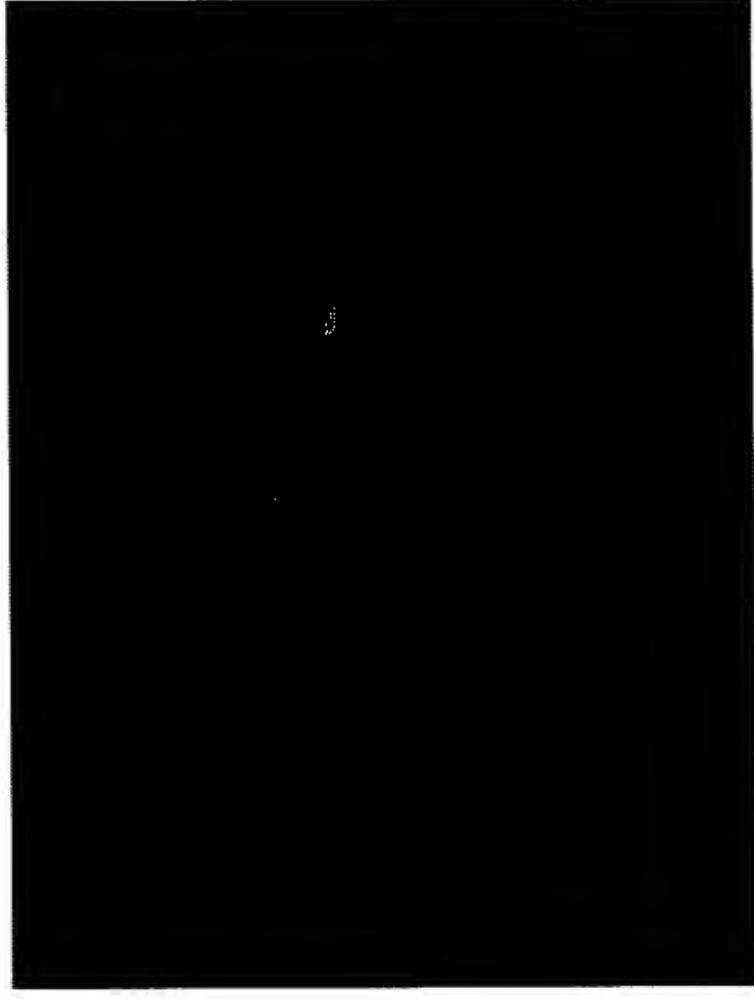


E

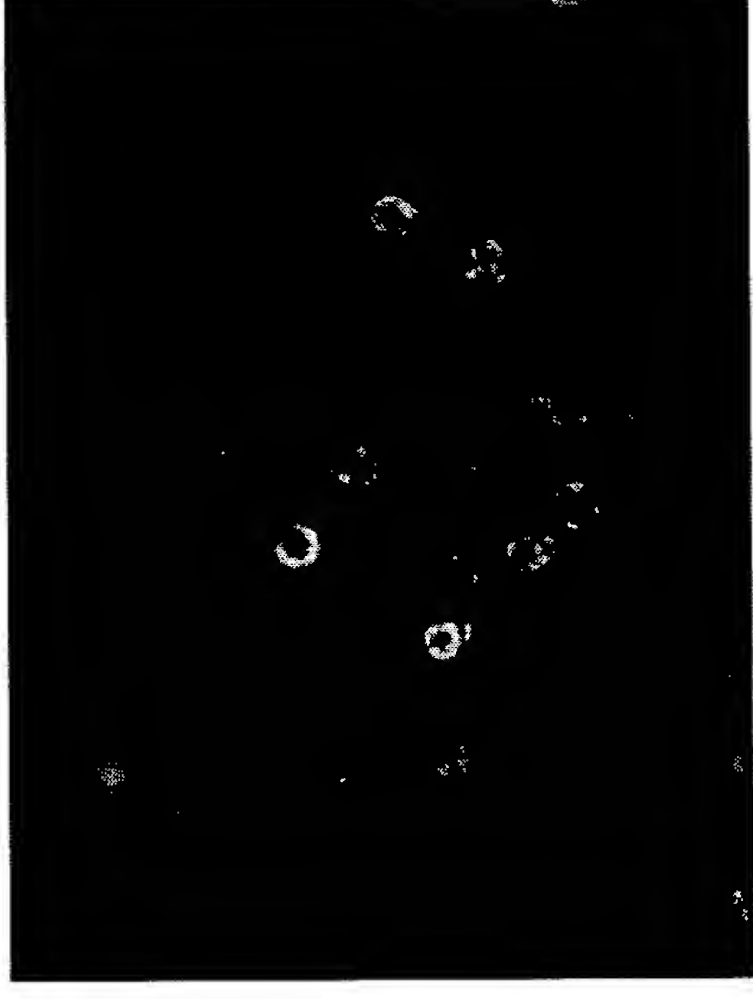
Figure 7

Figure 8

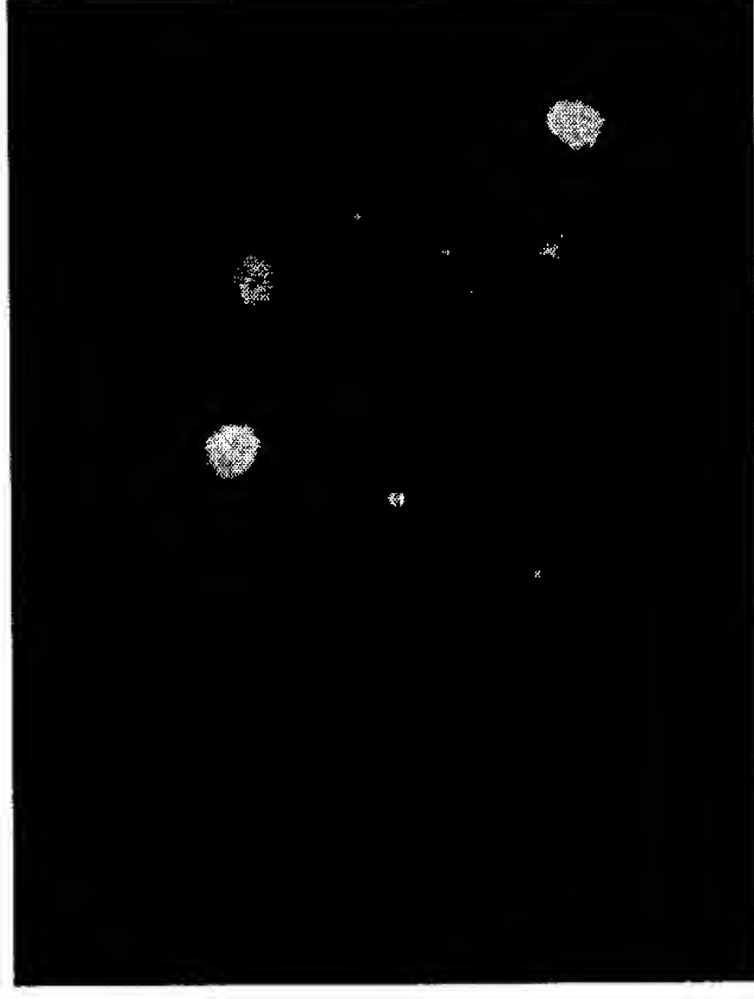
PC-3 Dual Cells were treated by Taxol (0.8 $\mu\text{g/ml}$)



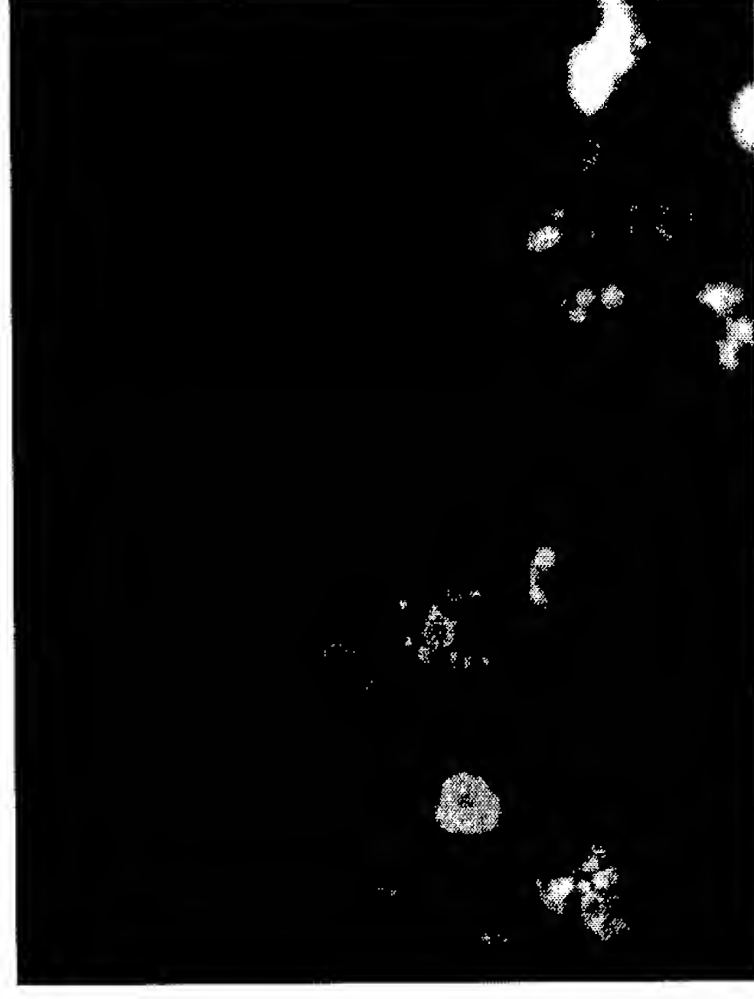
T0 (Magnification: 200x)



T24 (Magnification: 200x)



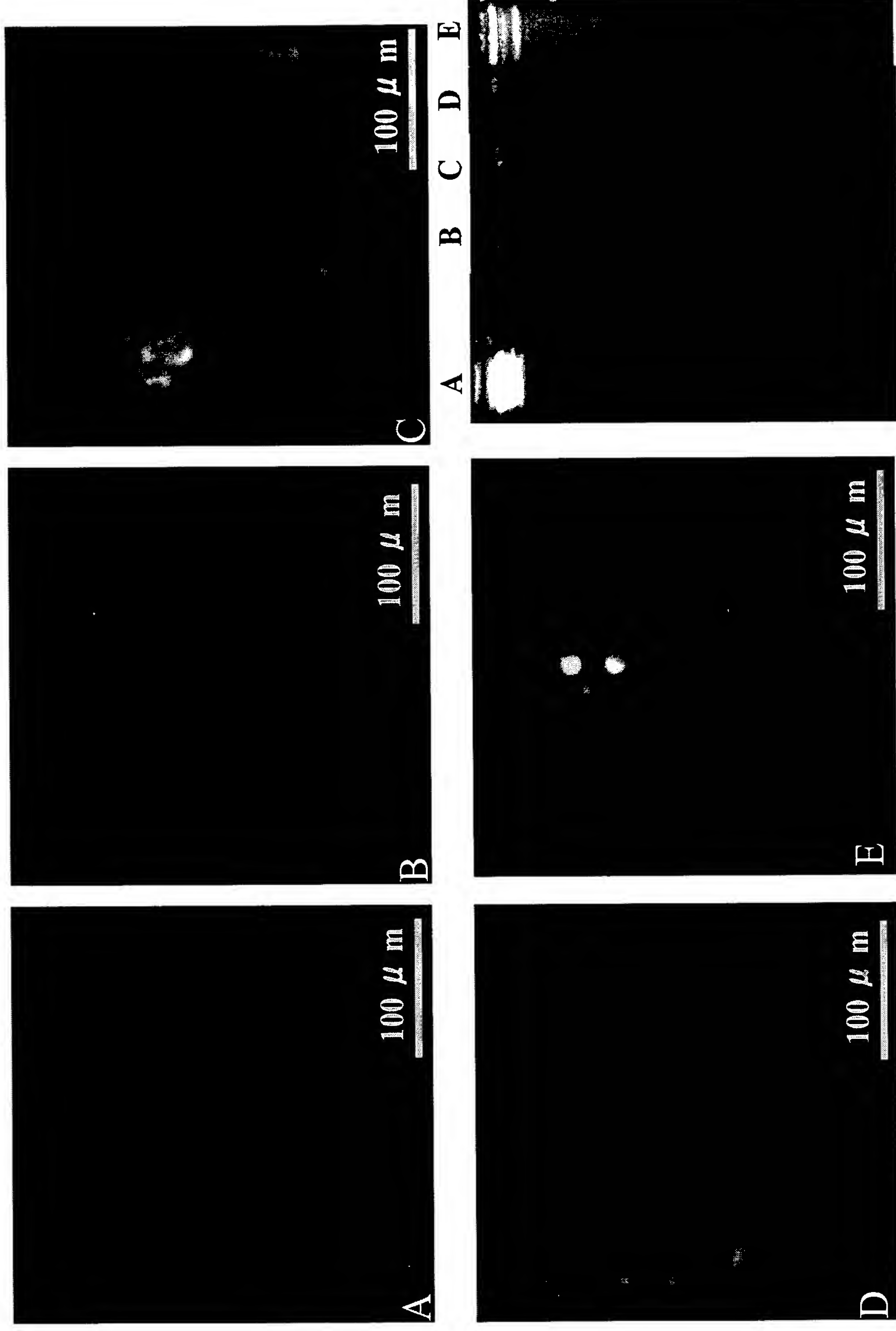
T48 (Magnification: 200x)



T96 (Magnification: 200x)

Figure 9

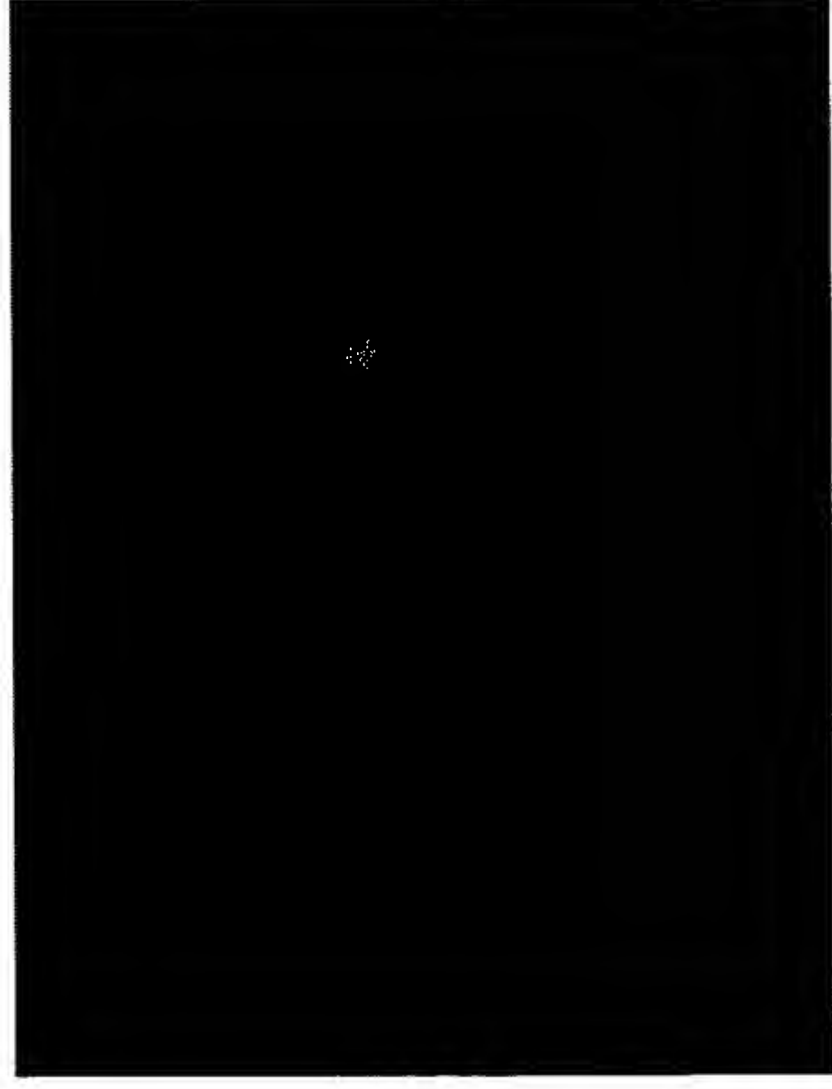
Visualizing taxol induced apoptotic cells in vitro in real time



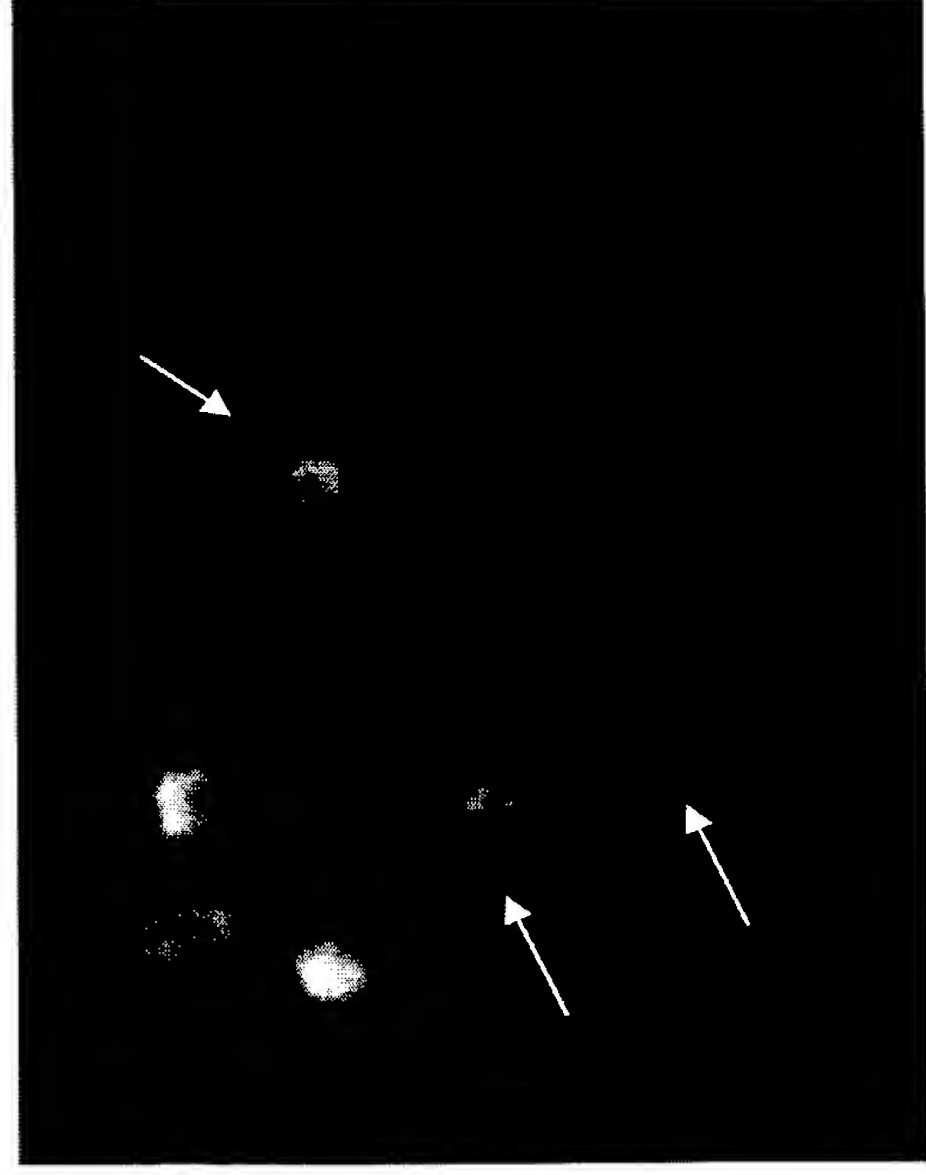
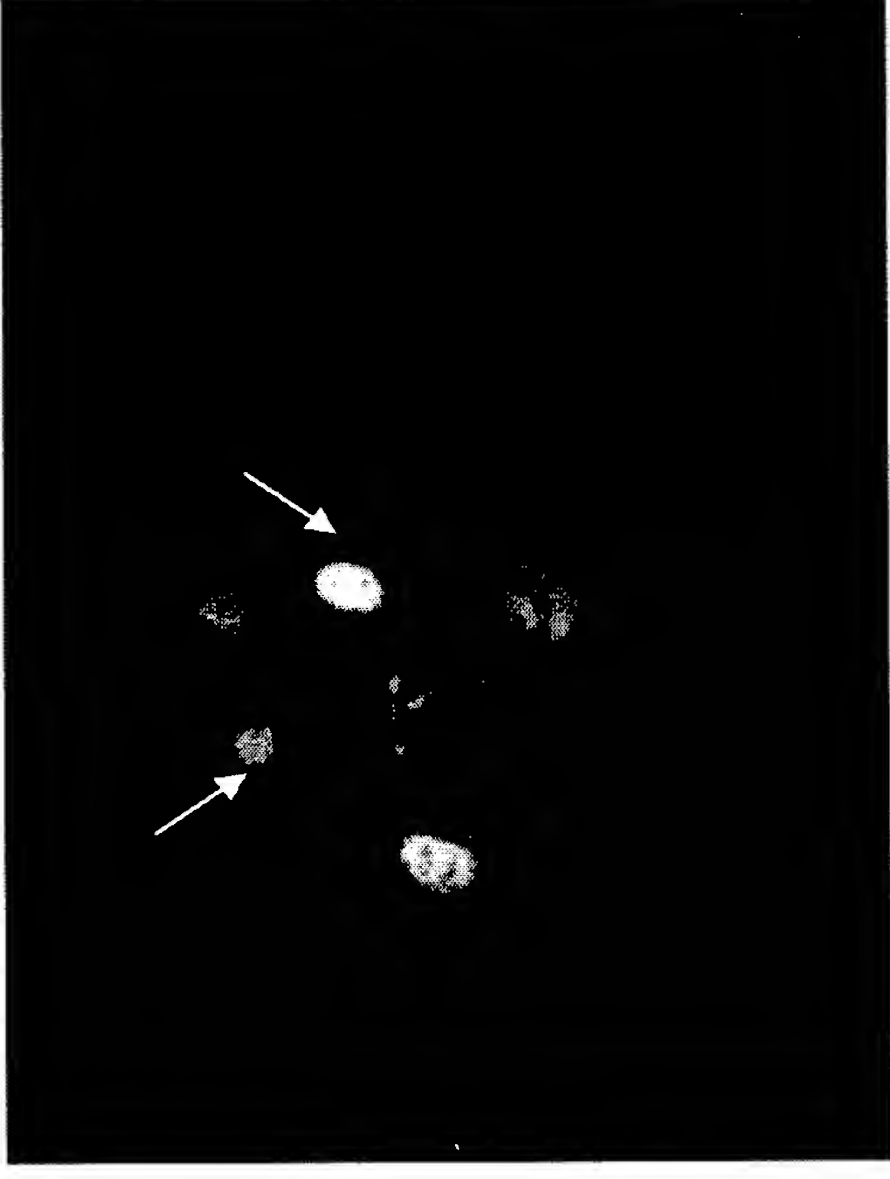
Real-time apoptoses were observed under fluorescence microscopy and verified by DNA ladder analysis when PC-3-dual cells were incubated with 0.8 μ g Taxol. (A) control; (B) 12 hours after treatment; (C) 24 hours after treatment; (D) 36 hours after treatment; (E) 48 hours after treatment.

Figure 10

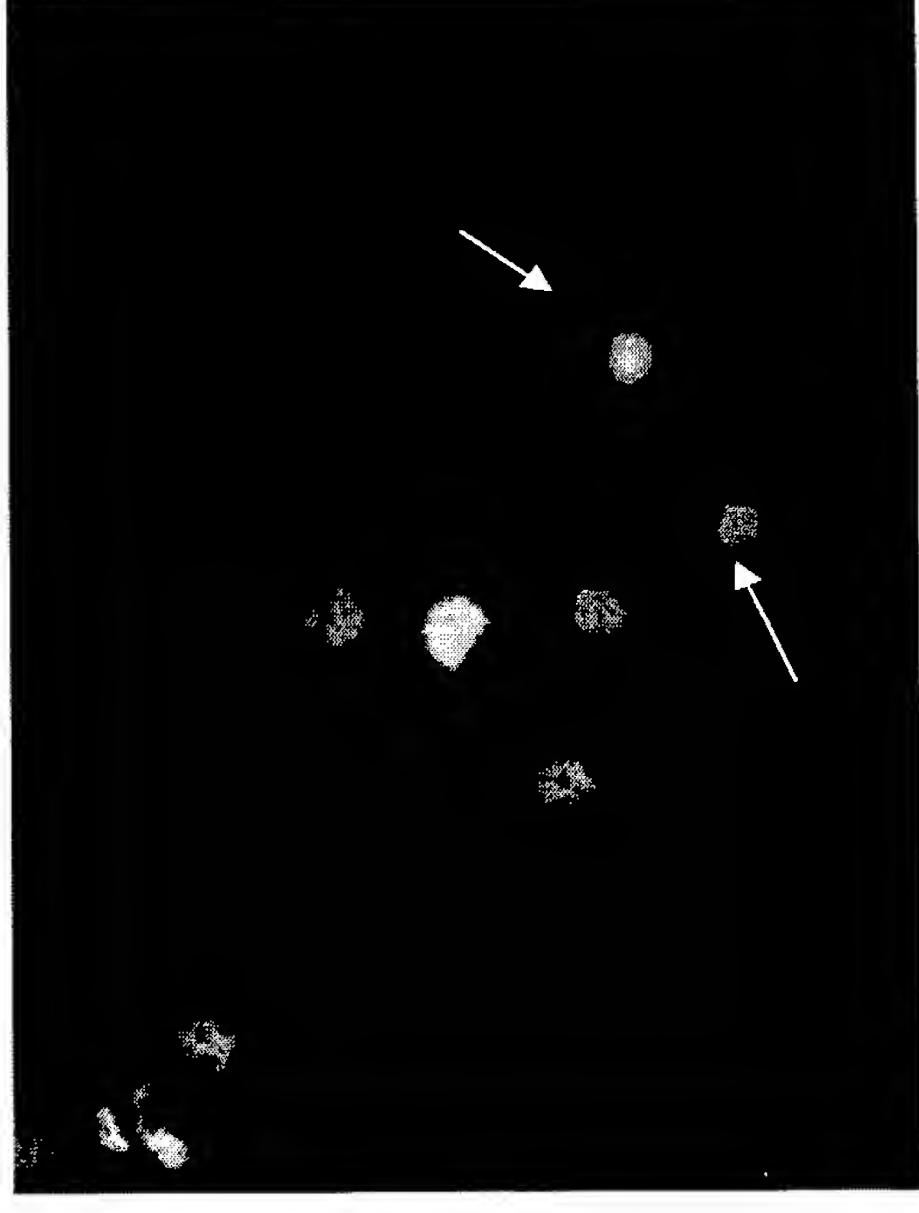
PC-3 Dual Cells were treated by Vinblastin (62 μ g/ml)



T0 (Magnification:200x)



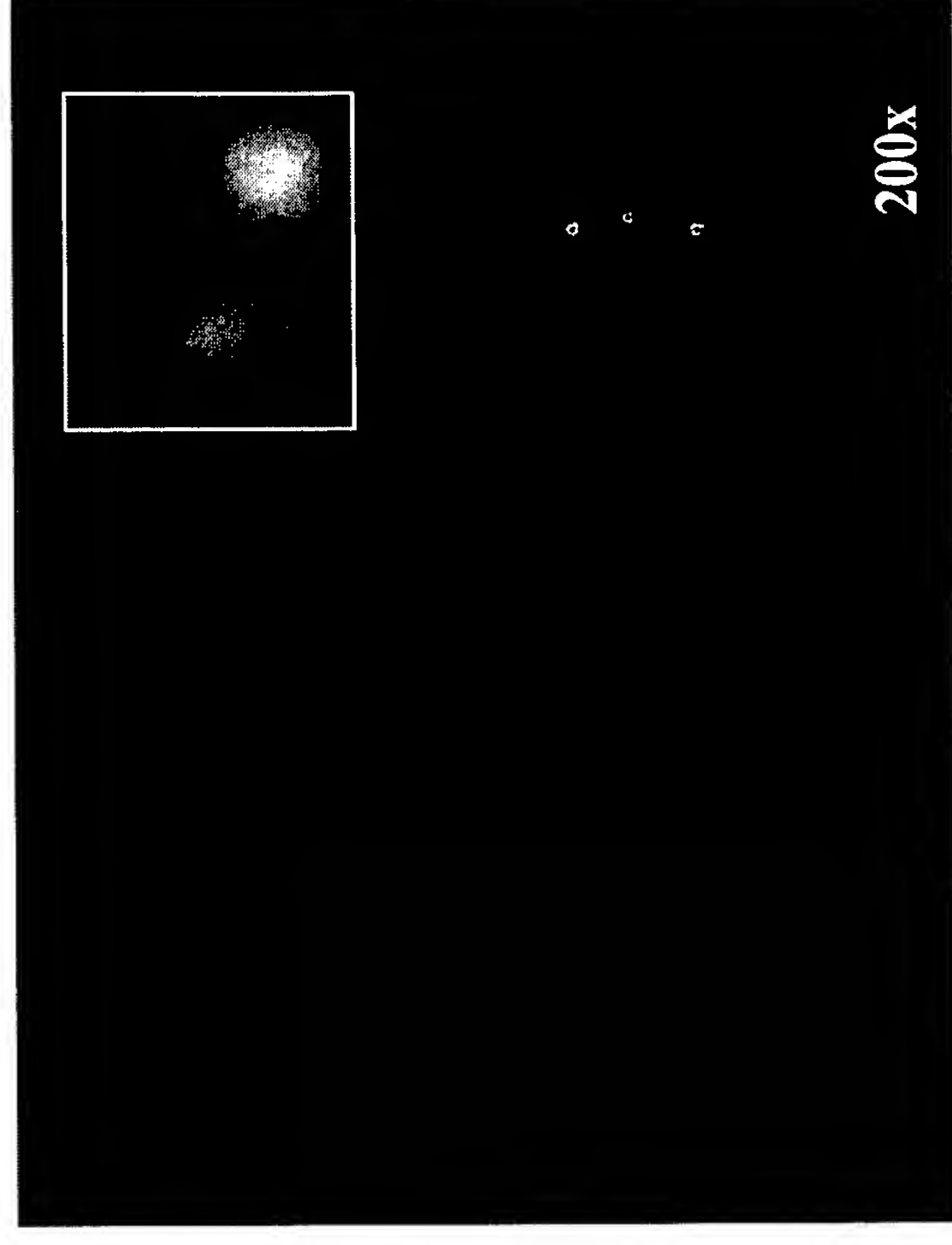
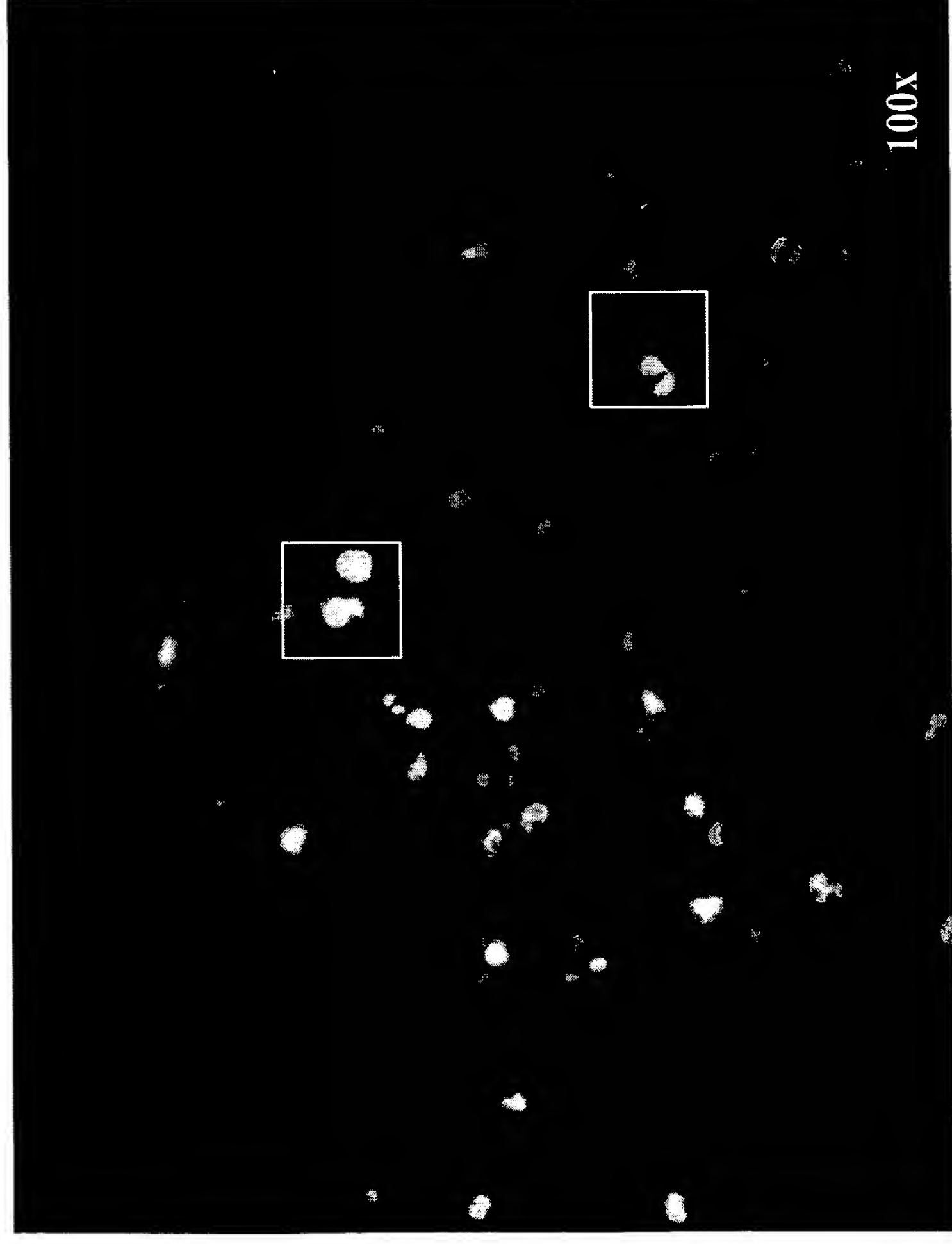
T48 (Magnification:200x)



T96 (Magnification:200x)

Figure 11

Visualizing apoptotic cancer cells in vivo



PC-3 Dual colored human prostate cancer cells were injected in the foot pad of nude mice. The mice were sacrificed after 20 days. Apoptotic PC-3 dual colored cell was observed in the lymph node under fluorescence microscopy